

IN THE CLAIMS

1. (currently amended) A video reproducing apparatus for reproducing a plurality of digital compressed video streams having different frame frequencies, comprising:

a decoder for receiving the plurality of digital compressed video streams and for decoding frame frequency value information and display pixel number information contained in the digital compressed video streams, the frame frequency value information including frame frequencies and the display pixel number information including numbers of horizontal pixels;

a clock for generating a timing signal having a clock frequency; and

a converter for producing digital video signals associated with the plurality of digital compressed video streams by replacing differences among the decoded frame frequencies with differences among the numbers of horizontal pixels for the plurality of digital compressed video streams and for converting the numbers of horizontal pixels so that the plurality of digital compressed video streams can be processed by a common so that the digital video signals can be processed using the same clock frequency,

wherein said converter sets the numbers of horizontal pixels in accordance with an output of said decoder based on the display pixel number information and the frame frequency information.

2. (currently amended) An apparatus according to claim 1, wherein said converter converts the numbers of horizontal pixels of associated with the plurality of digital compressed video streams is set to a reciprocal of a ratio of the frame

frequencies of the plurality of compressed digital video streams.

3. (currently amended) An apparatus according to claim 1, wherein said decoder decodes the frame frequency frequencies by extracting frame frequency discrimination information included in a digital television signal.

4. (previously presented) An apparatus according to claim 1, wherein said converter sets different numbers of horizontal pixels in a case where the digital compressed video stream is a standard video stream and a case where the digital compressed video stream is a high definition video stream, respectively.

5. (cancelled)

6. (currently amended) A video reproducing method of reproducing a plurality of digital compressed video streams having different frame frequencies, comprising:

receiving the plurality of digital compressed video streams;

decoding frame frequency value information and display pixel number information contained in the digital compressed video streams, the frame frequency value information including frame frequencies and the display pixel number information including numbers of horizontal pixels;

generating a timing signal having a clock frequency;

reproducing digital video signals representative of the compressed video streams by replacing differences among the decoded frame frequencies with differences among the numbers of horizontal pixels for the plurality of digital compressed video streams and converting the number of horizontal pixels so that

~~the plurality of digital compressed video streams can be processed by a common clock frequency; and~~

~~setting the number of horizontal pixels in accordance with the decoded frame frequency information~~

processing the digital video signals using the same clock frequency.

7. (currently amended) A method according to claim 6, wherein the number of horizontal pixels is converted so that a ratio of the numbers of horizontal pixels of the ~~plurality of digital compressed video streams~~ reproduced digital video signals is set to a reciprocal of a ratio of the frame frequencies of the plurality of digital compressed video streams.

8. (previously presented) A method according to claim 6, wherein the frame frequency is decoded by extracting frame frequency discrimination information included in a digital television stream.

9. (currently amended) A method according to claim 6, wherein different numbers of horizontal pixels are set after ~~completion of said pixel number conversion~~ in a case where the digital compressed video stream is a standard video stream and a case where the digital compressed video stream is a high definition video stream, respectively.

10. (cancelled)